ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION | nara ALS | ID NO. | DATE | | |
|---------------------------|-----------------|----------|----------|--|--|
| FEE DETERMINATION | | <u> </u> | | | |
| O.I.P.E. CLASSIFIER | | 12.7 | 2/21/21 | | |
| FORMALITY REVIEW | in | 730 | 03-27-61 | | |
| RESPONSE FORMALITY REVIEW | Zm | 927 | 05/15/01 | | |

INDEX OF CLAIMS

| ~ | Rejected | N | Non-elected |
|---|----------------------------|---|--------------|
| | Allowed | i | Interference |
| _ | (Through numeral) Canceled | | Appeal |
| ÷ | Restricted | _ | Objected |

| | | | | | | ÷ | ٠ | •••• | | | •••• | • • • • • • • | •••• | Kes | tric | tea | | | | 0 | ••• | •••• | ••••• | ٠. |
|----------|----------|--------------|----------|--------------|--|--|----------|------------|--|--|--|---------------|----------|----------|----------|-----|--|--|--|--------------|--------------|--|-----------------|----|
| Cla | im | | | _ | | Da | te | | | _ | | | CI | aim | | _ | | | Di | ate | | | | _ |
| Finai | Original | 6/17/04 | | | | | | | | | | | Final | Original | | | | | | | | | | |
| | 1 | V | | | | T | | Г | Т | 1 | 1 | 1 | | 51 | Т | | T | T | T | T | T | \top | \top | † |
| | 2 | J | | | | | | Γ | | | Г | 1 | | 52 | | | Π | T | \top | | | T | \top | 1 |
| | 3 | 1 | | Г | Π | | | | | Г | Τ | 1 | | 53 | Г | Γ | П | T | Τ | | 1 | T | | 1 |
| | 4 | V | | | | | | | | | | 1 | \Box | 54 | Г | | T | T | 1- | T | † | \top | † | † |
| | 5 | ~ | | | | | | Г | T | | | 1 | Г | 55 | | Г | Τ | | 1 | | \top | \top | 1 | 1 |
| | 6 | / | | | П | | Г | | П | | | 1 | | 56 | | | Π | 1 | Т | T | \top | 1 | Τ | 1 |
| · | 7 | V | | | | | | | | | | 1 | | 57 | | | Г | Т | Т | Τ | T | \top | Т | 1 |
| <u> </u> | 8 | V | | | <u> </u> | | | | | Ι. | | | | 58 | | Γ | | Г | | T | T | Т | T | T |
| ! | 9 | 0 | | | I | | | | | | | | | 59 | | | | Г | 1 | | Τ | Т | 1 | 1 |
| | 10 | 0 | | | | | | | | | |] | | 60 | | | | | Т | | | | Т | Ť |
| | 11 | ۵ | | | L | | | | | | |] | | 61 | | | | Г | Г | | Т | | \top | Ť |
| _(| | Y | | | | | | | | | |] | | 62 | | | | | Τ | T | Т | T | Τ | Ť |
| | 13 | / | | | | | | | | | |] | | 63 | | | Г | | Г | | Т | Τ | 1 | Ť |
| | 14 | 0 | | | | | | | | | | 1 | | 64 | | | | Г | Π | T | \top | T | | Ť |
| | 15 | 0 | | | | | | | | | | 1 | | 65 | | | Г | Г | T | T | | 1 | Τ | t |
| | 16 | 1 | | | | | | | | | | 1 | Г | 66 | | | | | | Т | | | | t |
| | 17 | ✓ | | | | | | | Г | | П | 1 | | 67 | | | Π | Γ | | | | \top | T | t |
| | 18 | 0 | | | | | | | Г | | Γ | 1 | | 68 | | | Π | Π | 1 | T | T | 1 | | t |
| ì | 19 | / | | Γ | П | Γ | Г | | П | | Γ | 1 | | 69 | | | 1 | Т | | | | | T | t |
| • | 20 | | | | | Γ | | Г | | | | 1 | | 70 | | | Г | | 1 | 十 | ✝ | ✝ | T | t |
| | 21 | | \vdash | \vdash | 1 | | | _ | | H | \vdash | 1 | ┢ | 71 | | - | ⊢ | ┢ | +- | ╁ | ╁ | ╁╌ | ╁ | t |
| | 22 | | | _ | | Ι | \vdash | | H | Г | ┼─ | 1 | \vdash | 72 | | _ | | | - | ╁ | \vdash | ┼─ | \vdash | t |
| | 23 | \vdash | | \vdash | 1 | ┪ | T | T | - | \vdash | \vdash | 1 | \vdash | 73 | | _ | \vdash | t | t | ╁ | \vdash | + | + | t |
| | 24 | | \vdash | Г | | Г | 1 | | T | | <u> </u> | 1 | _ | 74 | | _ | | 一 | ╁ | t | ╁┈ | +- | ╁ | t |
| | 25 | _ | 1 | | \vdash | İ | | | | H | Н | 1 | _ | 75 | | | | H | 1 | t | - | + | ╁ | t |
| | 26 | | | T | | Т | t | | 1 | T | | 1 | - | 76 | | _ | 1 | \vdash | 1 | t | ╁┈ | +- | \vdash | t |
| | 27 | | _ | T | T | | \vdash | | | | - | 1 | <u> </u> | 77 | | _ | T | ┢ | t | ╁ | ╁ | \vdash | \vdash | t |
| | 28 | - | | Г | 1 | | | 1 | _ | | \vdash | 1 | \vdash | 78 | | _ | 1 | \vdash | H | t | + | 1 | \vdash | t |
| | 29 | | ļ | T | | ├~ | | -{- | ┢┈ | | \vdash | 1 | \vdash | 79 | | _ | <u> </u> | | + | | t | \vdash | t | t |
| | 30 | _ | | | T | | 1 | 1 | | Т | - | 1 | _ | 80 | | _ | ┢ | - | 1- | ┼ | \vdash | + | ╁ | t |
| | 31 | | T | | 1 | 1 | | T - | 1 | | | 1 | | 81 | | | ⇈ | ╆- | t | ┢ | - | ✝ | \vdash | t |
| | 32 | _ | | | T | | 1 | | t | | \vdash | 1 | _ | 82 | H | _ | | | 1 | 1 | | +- | ╁ | t |
| | 33 | \vdash | | | | T | | † " | H | 一 | 1 | 1 | \vdash | 83 | | - | \vdash | 一 | | \vdash | - | ╁ | \vdash | t |
| | 34 | T | 1 | | \vdash | T | T | | T | | \vdash | 1 | | 84 | _ | _ | | \vdash | 1 | t | \vdash | | 1 | t |
| | 35 | | | | 1 | T | t | | T | | | 1 | | 85 | | | - | H | \vdash | 一 | \vdash | \vdash | | t |
| | 36 | _ | <u> </u> | | | | T | | 1 | | Т | 1 | | 86 | | | \vdash | | \vdash | 1 | t | | | t |
| | 37 | | | | | | T | | | Г | | 1 | | 87 | | | | ╁ | \vdash | \vdash | ┢═ | \vdash | | t |
| | 38 | | | Г | T | Г | † | | | Ħ | | 1 | - | 88 | | | - | 一 | | \vdash | ├- | ⇈ | \vdash | t |
| | 39 | | | | | | | | | l | | 1 | \vdash | 89 | | | \vdash | T | | \vdash | _ | <u> </u> | H | r |
| | 40 | \vdash | | | ऻ | | | | | ┢ | T | 1 | | 90 | | | - | ┢ | 1 | 1 | t | ✝ | H | ŀ |
| | 41 | - | - | ┢ | ┢ | | _ | | - | | | 1 | _ | 91 | \vdash | | - | - | | | - | ╁ | \vdash | H |
| | 42 | \vdash | | \vdash | \vdash | \vdash | ╂─ | ┝ | ╁ | ┢ | ┢┈ | 1 | - | 92 | | _ | - | ├ | ┢ | ├ | - | ├ | Н | H |
| | 43 | | - | \vdash | \vdash | \vdash | \vdash | | \vdash | \vdash | - | 1 | \vdash | 93 | - | | - | - | - | - | \vdash | | \vdash | H |
| | 44 | <u> </u> | - | \vdash | 1 | - | - | - | - | - | - | ł | - | 94 | \dashv | | - | - | - | ⊢ | - | - | \vdash | H |
| - | 45 | | | \vdash | \vdash | - | \vdash | \vdash | - | \vdash | \vdash | ł | \vdash | 95 | \dashv | | | - | \vdash | | | - | $\vdash \vdash$ | H |
| | 46 | - | \vdash | - | | - | - | - | \vdash | - | \vdash | | - | 96 | | _ | _ | - | - | \vdash | - | - | \vdash | _ |
| | 47 | - | \vdash | | \vdash | - | | \vdash | \vdash | - | \vdash | | \vdash | 97 | - | | | _ | | - | | | H | _ |
| | 48 | \vdash | \vdash | H | - | \vdash | | - | - | \vdash | \vdash | | Н | 98 | | | | - | \vdash | - | - | \vdash | | _ |
| _ | 49 | \vdash | | - | - | - | \vdash | - | - | \vdash | \vdash | | \vdash | 99 | \dashv | | - | _ | \vdash | | - | <u> </u> | $\vdash \vdash$ | _ |
| _ | 50 | - | | | H | Η- | - | - | \vdash | - | \vdash | | \vdash | 100 | - | _ | | | - | H | - | Н | | _ |

| Claim | | | | | | Di | ate | | | | |
|---------------|------------|----------|----------|----------|--------------|----------|--|----------|----------|----------|----------|
| Final | ᡖ | | | | | | | | | | Ī |
| | 101 | | | | T | 1 | T | | \top | \top | T |
| | 102 | | | Γ | | | Т | T | T | \top | † |
| | 103 | | | _ | Τ | 1 | 1 | 1 | † | + | $^{+}$ |
| | 104 | | | _ | \vdash | \top | †- | + | + | 十 | ╁ |
| | 105 | | | | Т | T | 1 | \top | T | † | T |
| | 106 | | | Γ | Т | | 1- | Τ | 1 | T | T |
| | 107 | | | | Г | Τ. | 1 | Т | T | T | T |
| | 108 | | | | | | Т | | | Т | T |
| | 109 | | | | \Box | | T | | Г | Т | T |
| | 110 | | | | Г | | | Ī | 1 | Τ | T |
| | 111 | | | | | | | | | Г | Τ |
| | 112 | | | | | | | | | | Γ |
| | 113 | | | | L | | | | | | Γ |
| | 114 | | | L | | | L | | L | | |
| | 115 | | | _ | L | | | | L | L | |
| | 116 | | | | <u> </u> | | | L | _ | L | |
| _ | 117 | | | | L | L | _ | _ | | | |
| | 118 | | | | L | <u> </u> | ╙ | L | _ | _ | L |
| | 119 | _ | | | _ | ╙ | \perp | | | _ | <u> </u> |
| | 120 | | | | L | L | | | | | |
| | 121 | _ | | | L | <u> </u> | $oxed{oxed}$ | <u> </u> | <u></u> | L | |
| | 122 | _ | _ | | | ļ | | L | L_ | L_ | L |
| _ | 123 | 4 | _ | | L | <u> </u> | ــــــــــــــــــــــــــــــــــــــ | _ | ┖ | L | L |
| _ | 124 | 4 | _ | | | | ļ | _ | | | _ |
| \dashv | 125 | \dashv | | _ | - | ⊢ | ┼ | <u> </u> | _ | | <u> </u> |
| | 126 127 | - | \dashv | _ | - | ⊢ | | ├ | - | - | H |
| - | 128 | \dashv | - | | | - | ├ | - | - | H | - |
| | 129 | - | \dashv | | _ | ┢╌ | | ┢ | \vdash | | ┝ |
| | 130 | - | | | - | ┢╌ | - | ┢ | \vdash | - | ┝ |
| _ | 131 | _ | - | | \vdash | \vdash | \vdash | \vdash | | - | - |
| | 132 | | | | | | - | - | | | 一 |
| \neg | 133 | \dashv | | | | | | | | | |
| \exists | 134 | | ヿ | | | | | | | | _ |
| | 135 | | | | | T | | | | | |
| | 136 | | | | | | | | | | |
| | 137 | | | | | | _ | | | | |
| | 138 | \perp | \perp | | | <u> </u> | | | | \Box | |
| - | 139 | _ | | | _ | _ | _ | | | _ | <u> </u> |
| \rightarrow | 140 | | | | | _ | | | | | |
| _ | 141 | | _ | _ | | L | | | | _ | |
| | 142 | _ | _ | | | | | _ | _ | _ | |
| - | 143 | 4 | 4 | _ | | | Ш | | _ | _ | _ |
| | 144 | _ | 4 | _ | | Щ | Ш | _ | _ | _ | _ |
| \rightarrow | 45 | 4 | 4 | _ | | | \square | 4 | 4 | 4 | 4 |
| | 46 | 4 | 4 | _ | - | _ | \sqcup | | \dashv | - | \dashv |
| - | 47 | 4 | \dashv | _ | _ | | | _ | \dashv | - | |
| _ | 48 | + | + | - | - | | \vdash | - | + | + | |
| | 49 50 | + | + | \dashv | _ | \dashv | | - | \dashv | \dashv | - |
| ! | <u> </u> | | | | | | 1 | | | | ىـــ |

If more than 150 claims or 10 actions staple additional sheet here